SHARP SERVICE MANUAL

S04F2SE50BPRG

REFRIGERATOR-FREEZER

MODELS SJ-42F-GY/WH
SJ-45F-GY/WH
SJ-48F-GY/WH

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

Refrigerant; HFC-134a

DESTINATION ..... G

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SHARP CORPORATION

SPECIFICATIONS

Items		SJ-42F-GY/WH	SJ-45F-GY/WH	SJ-48F-GY/WH
Type		2-Door	2-Door	2-Door
Outer dimensions (Including spacer)	Height	1635mm(64-3/8")	1750mm(68-29/32")	1840mm(72.4")
	Width	715mm(28-5/32")	715mm(28-5/32")	715mm(28.1")
	Depth	690mm(27-5/32")	690mm(27-5/32")	690mm(27.2")
Rated storage volume		396 liter(14 cu.ft) F: 98 liter(3.5 cu.ft) R: 298 liter(10.5 cu.ft)	426 liter(15 cu.ft) F: 128 liter(4.5 cu.ft) R: 298 liter(10.5 cu.ft)	444 liter(15.7 cu.ft) F: 144 liter(5.1 cu.ft) R: 300 liter(10.6 cu.ft)
Rated gross volume		412 liter(14 .6cu.ft) F: 113 liter(4.0 cu.ft) R: 299 liter(10.6 cu.ft)	442 liter(15.6 cu.ft) F: 143 liter(5.0 cu.ft) R: 299 liter(10.6 cu.ft)	470 liter(16.6 cu.ft) F: 167 liter(5.9 cu.ft) R: 303 liter(10.7 cu.ft)
Defrosting	System	Heater system		
	Start	Automatic		
	Finish	Automatic		
Temperature control		Automatic (Adjustable)		
No-frost freezer		Yes		
Interior lamp		1		
Caster		4		
Evaporating pan		1		
Refrigerator Compartment	Refrigerator tray S	1		
	Refrigerator tray L	2		
	Glass shelf	1		
	Vegetable case	1		
	Egg pocket	1		
	Egg case	2		
	Bottle pocket	2		
	Free pocket	2		
	Fresh case	2		
Freezer Compartment	Freezer tray L	—	1	2
	Freezer tray S	1		
	Ice cube maker	Twin ice cube maker		
	Ice storage box	1		

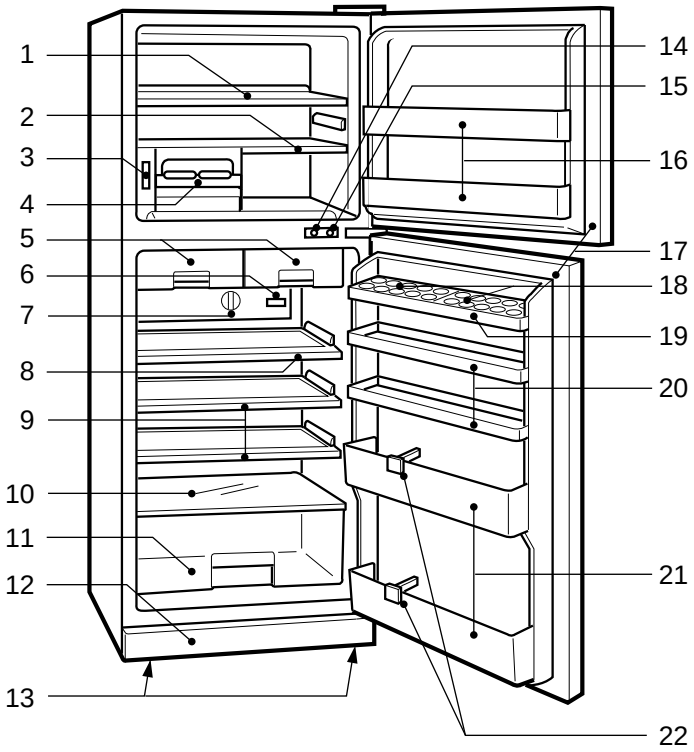
SOURCE AND COMP. AND NET WEIGHT

Items		SJ-42F-GY/WH	SJ-45F-GY/WH	SJ-48F-GY/WH
Rated voltage	(V)	230/240		
Rated frequency	(Hz)	50		
Classification		Class 5		
Rated input of motor	(W)	148/154		152/157
Rated input of defrosting heater	(W)	177/193		150/163
Refrigerant (Charging quantity)		HFC-134a(135g)		HFC-134a(110g)
Mass	(kg)	70	75	79

COLOR

Items	SJ-42F-WH. SJ-45F-WH, SJ-48F-WH	SJ-42F-GY. SJ-45F-GY, SJ-48F-GY
Outside color	White	Gray
Inside color	White	White

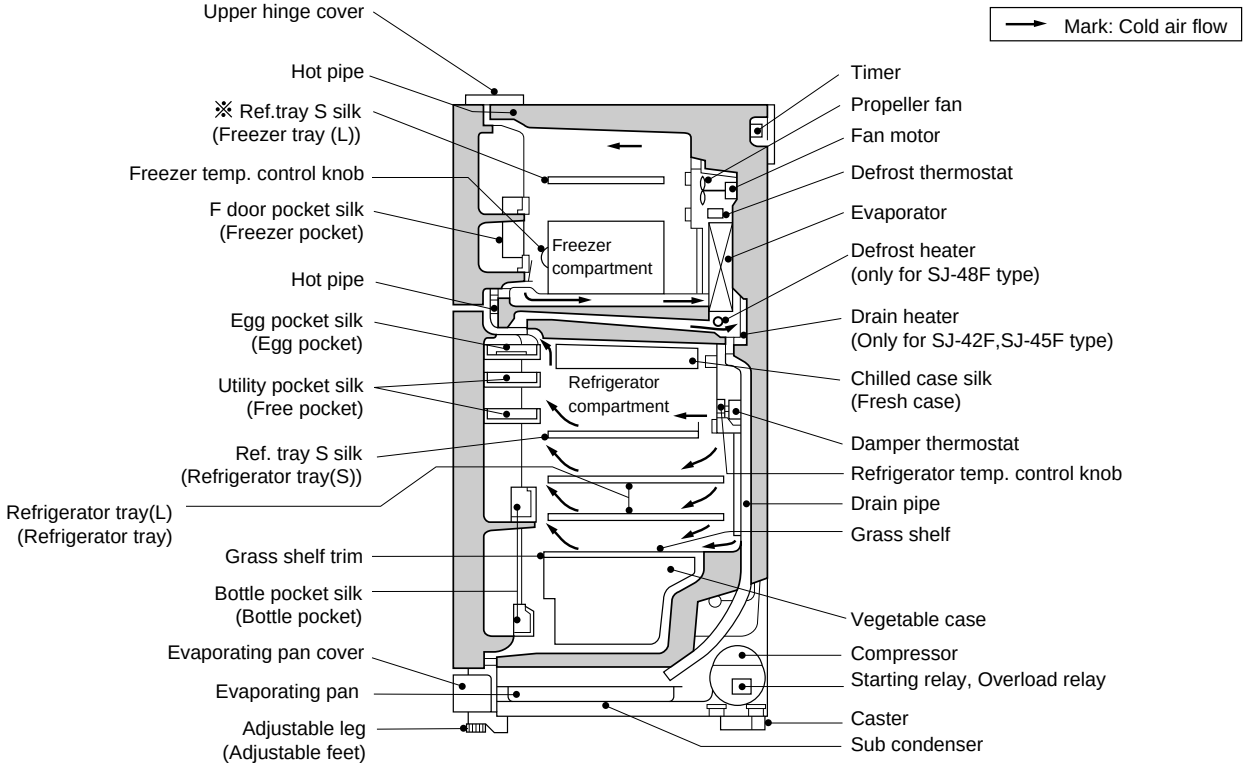
DESIGNATION OF VARIOUS PARTS



1. Freezer tray (L)
   (SJ-45F type 1, SJ-48F type 2)
2. Freezer tray (S)
3. Freezer temp. control knob
4. Ice cube maker
5. Fresh case
5. Ice storage box
6. Light
7. Refrigerator temp. control knob
8. Refrigerator tray (S)
9. Refrigerator tray (L)
10. Glass shelf
11. Vegetable case
12. Evaporating pan & Cover
13. Adjustable feet
14. Fan & light switch
15. Fan switch
16. Freezer pocket
17. Magnetic door seal
18. Egg case
19. Egg pocket
20. Free pocket
21. Bottle pocket
22. Bottle spacer

(By Operation manual)

Figure D-1. External Description

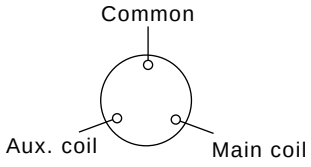


※ SJ-45F type 1, SJ-48F type 2

The names in parentheses are the denominations used in the operation manuals.

Figure D-2. Constructions

LIST OF ELECTRICAL PARTS

Items	SJ-42F, SJ-45F	SJ-48F
Source	240V 50Hz	
Climate class	T	
Thermostat	Type: ATB-P109 ON: –17±5˚C OFF: –22±1.5˚C(at normal notch)	
Damper thermostat	Type: MM1-6120 Baffle opened 1.5˚C(at normal notch) Baffle closed –3±1.5˚C	
Timer	Type: TMDF704FD2, Integration type Cycle 8hours 48 min., Working time about 4min. 50sec. 50Hz	
Fuse ass'y	Thermo. fuse Type: SM65A0 Working temp. 65±2˚C	
Defrost thermostat	Type: ST-3N10 250V 4A OPEN 10±3˚C CLOSE –3˚C and Type: ST-3N21 250V 4A OPEN 21±3˚C CLOSE 8˚C	
Door switch	3 terminals push-button 250V 0.25A	
Lamp socket	250V 1A E-12(HARD PLASTIC BODY TYPE)	
Lamp	240V 10W E-12	
Fan motor	Type: MH15SAF-TJA7 200/240V 50Hz 0.8W	
Compressor	Type: D77C15RAW5 220/240V 50Hz 50Hz(OIL COOLING) Main coil 10.98Ω Aux. coil 26.7Ω(at 20˚C) Terminal  	
Starting relay	Type: PTH AS 330M355	
Overload relay	Type: MM3-26GCF	
★Drain heater	240V 28.2W 2045Ω	–
Defrost heater	240V 164.9W 349.2Ω	240V 163W 352.7Ω

★Mark: ONly for SJ-42F, SJ-45F

WIRING DIAGRAM

Be sure to replace the electrical parts with specified ones for maintaining the safety and performance of the set.
Because these are important for maintaining the safety of the set.

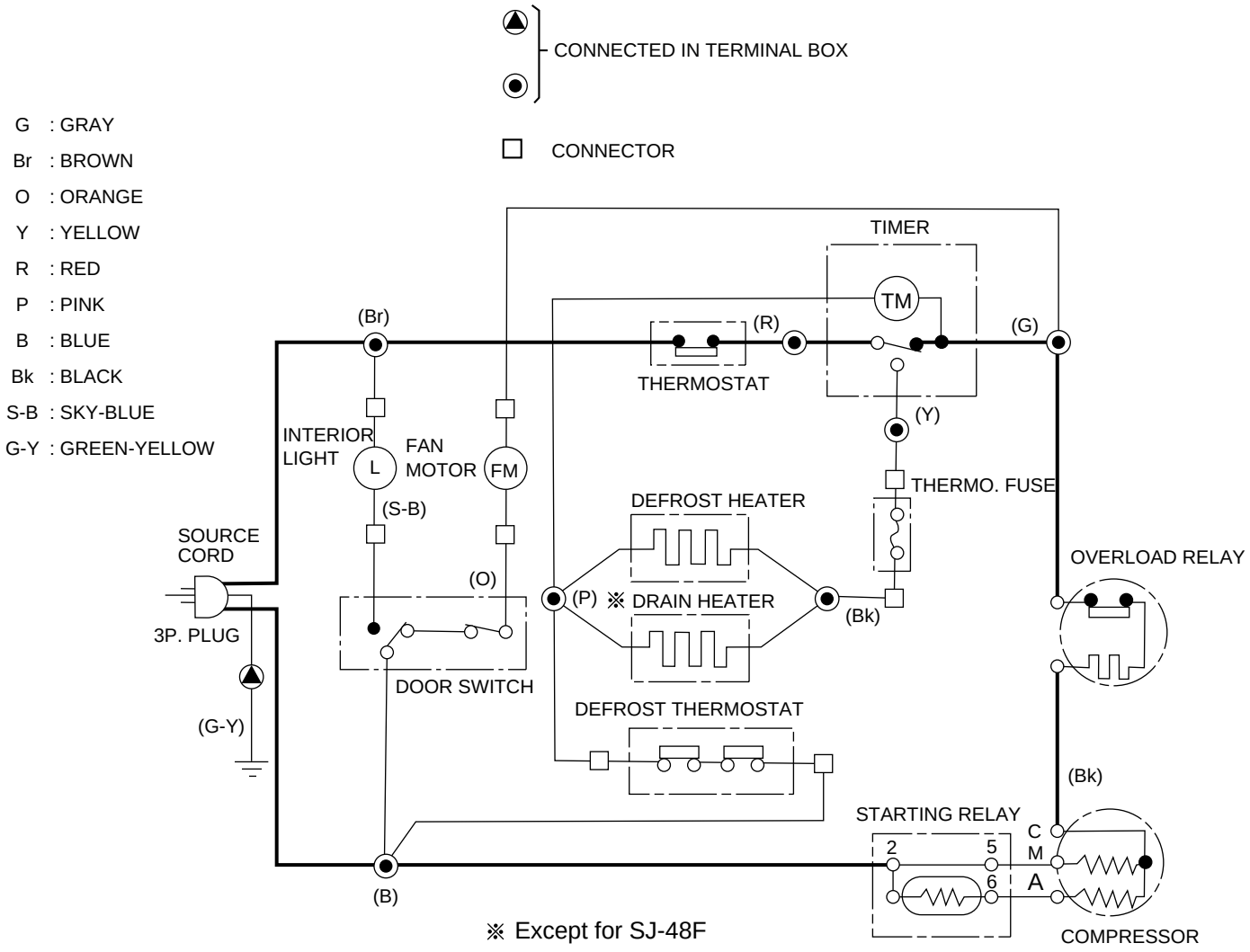


Figure W-1. Wiring Diagram

G : GRAY
Br : BROWN
O : ORANGE
Y : YELLOW
R : RED
P : PINK
B : BLUE
Bk : BLACK
S-B : SKY-BLUE
G-Y : GREEN-YELLOW

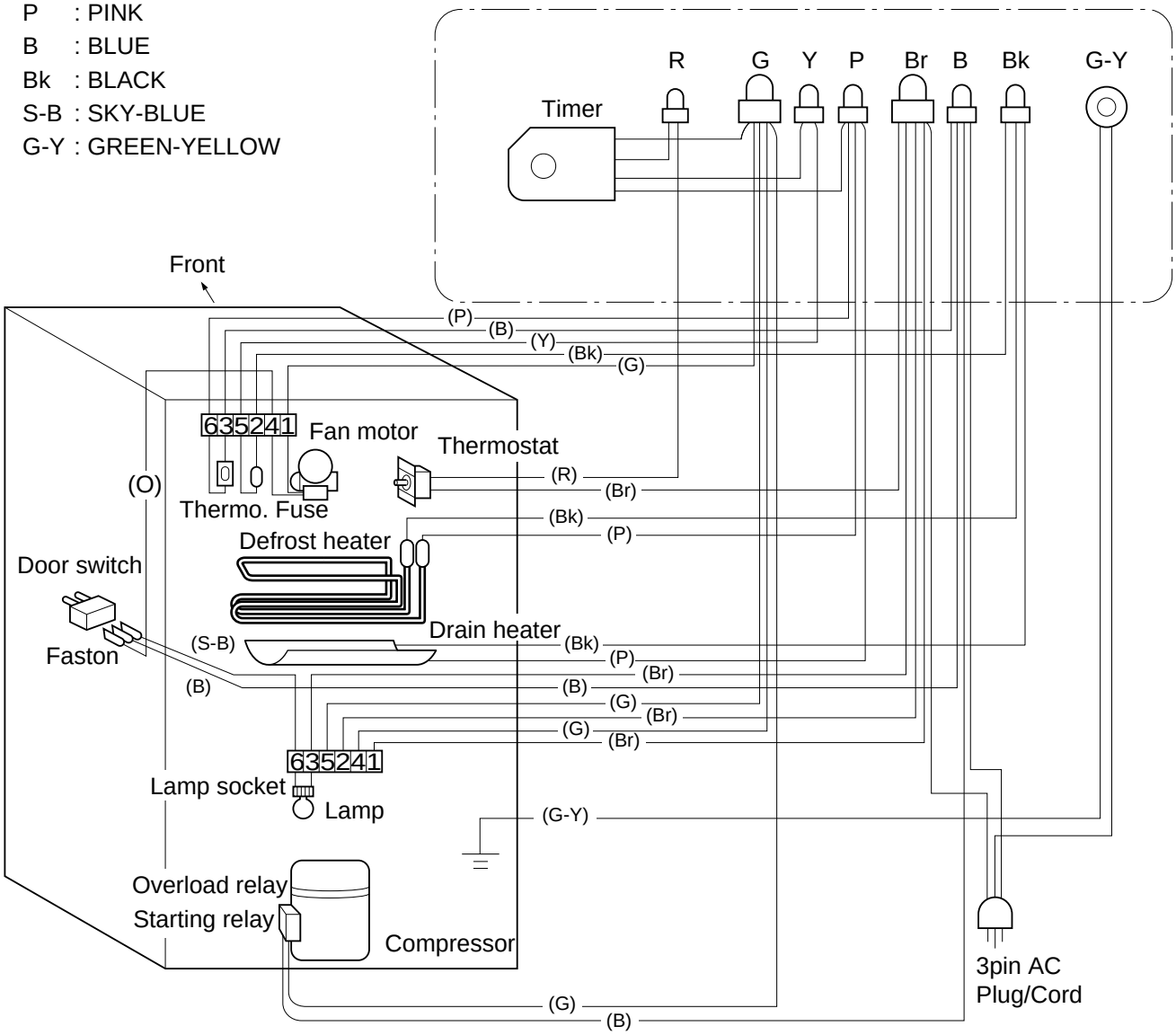


Figure W-2. Electric Accessories Layout (for SJ-42F, SJ-45F)

G : GRAY
Br : BROWN
O : ORANGE
Y : YELLOW
R : RED
P : PINK
B : BLUE
Bk : BLACK
S-B : SKY-BLUE
G-Y : GREEN-YELLOW

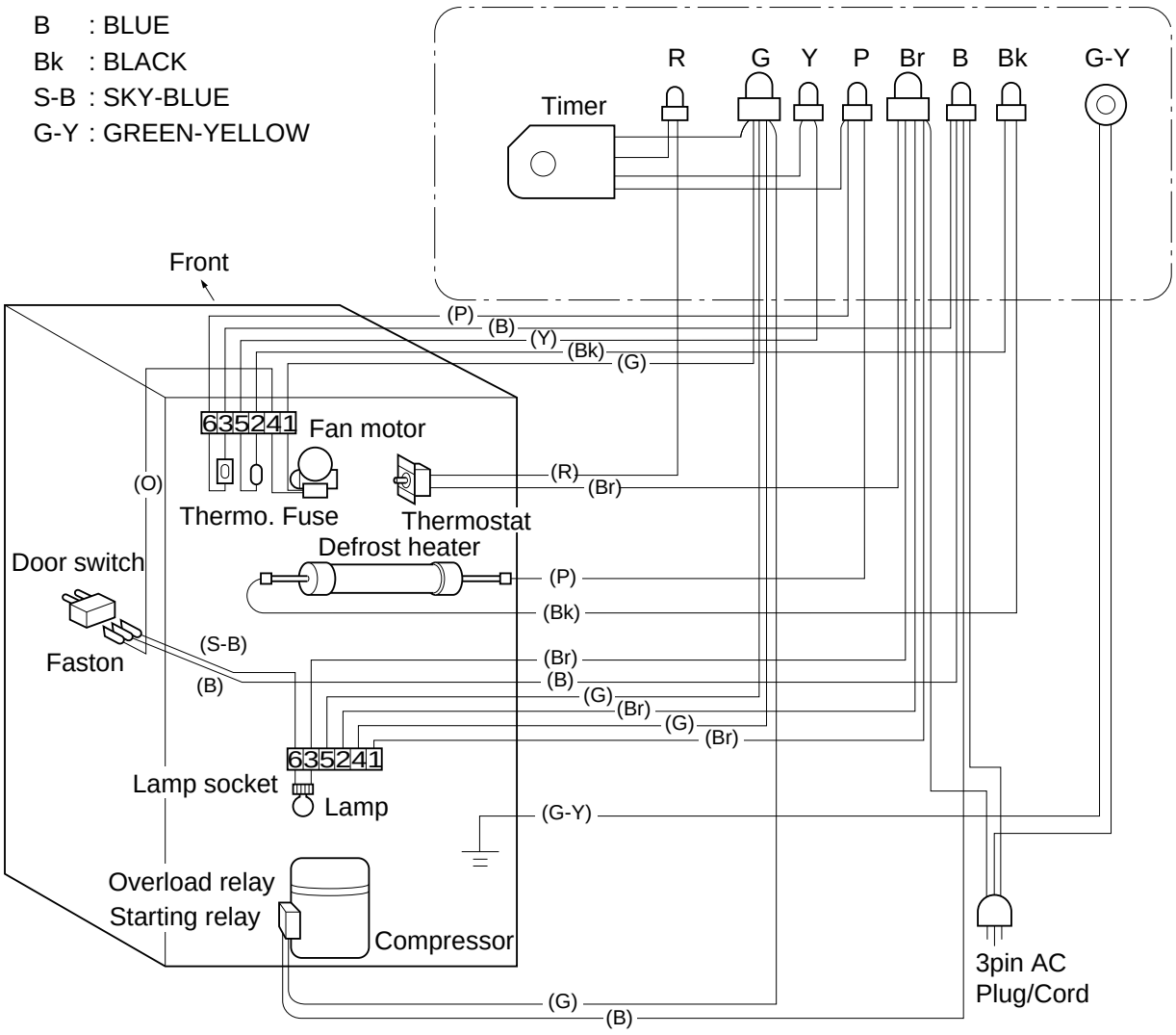


Figure W-3. Electric Accessories Layout (for SJ-48F)

FUNCTIONS

1. ADJUSTABLE TEMPERATURE CONTROL

(1) Temperature control of freezer

- Thermostat (freezer temperature sensing thermostat) operates on ON/OFF switchover to control the compressor and allows the freezer temperature to keep at a suitable temperature.
- However adjust the freezer temp. control knob as follows depending upon the storing condition of foods.

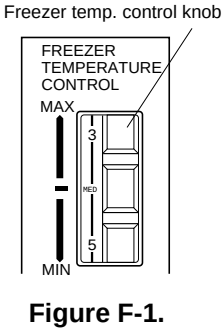


Figure F-1.

KNOB SETTING	PURPOSE
MAX	● For making ice rapidly or fast freezing.
⬆	● When restocking with fresh food.
MED	● For normal freezing.
⬇	● For storing frozen food for a short period (up to one month).
MIN	● When frozen food or ice cream is not stored.

(2) Temperature control of refrigerator

- Damper-thermostat senses temperature of the refrigerator and changes the opening angle of the damper automatically.
  However, as the Damper-thermostat has no function to switch on or off the compressor and cool air circulating fan, the freezer temperature control causes temperature in the refrigerator to vary to some extent.
- However, adjust the refrigerator temp. control knob as follows depending upon the cooling condition.

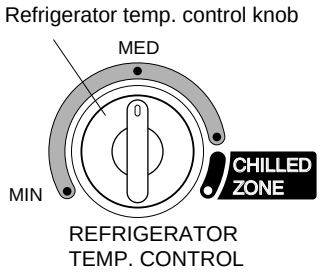


Figure F-2.

KNOB SETTING	PURPOSE
CHILLED ZONE	● For keeping freshness of food longer.
⬆	● When the refrigerator does not provide sufficient cooling.
MED	● For normal operation.
⬇	● When the refrigerator provides excessive cooling.
MIN	

NOTE:
- The refrigerator temperature is affected also by the freezer temperature. If the freezer temp. control knob is set at the position "MAX", the temperature tends to be lower than the following values, and if set at near the position "MIN", temperature tends to be highter.
- If the refrigerator is operated for a long time with the freezer temperature control sets the "MAX" position, foods stored in the refrigerator compartment may also be frozen.
- When refrigerator temperature control sets to the "CHILLED ZONE", some foods stored may become frozen. In this case adjust control set back to the "MED" position.
- When refrigerator temperature control sets to the "CHILLED ZONE", some foods stored in fresh cases may also become frozen.

(3) Reference value of temperature

SETTING OF FREEZER TEMP. CONTROL KNOB	MAX	MED	MIN
Freezer temperature	Approx. –21˚C	Approx. –18˚C	Approx. –15˚C

SETTING OF REFRIGERATOR TEMP. CONTROL KNOB	CHILLED ZONE	MED	MIN
Refrigerator temperature	Approx. 0˚C	Approx. 3˚C	Approx. 6˚C
Fresh case temperature	Approx. –3˚C	Approx. 1˚C	Approx. 4˚C

The values shown above refer to the case where the freezer temp. control knob is set at "MED".

The values tables above refer to the measurement carried out center area and 1/3 of overall height from the bottom at each of the refrigerator and the freezer after machine has been operated at an ambient temperature of 32˚C with no food stored and the door closed until the temperature is stabilized.
The values vary depending upon frequency of opening and closing the door, ambient temperature, amount of stored foods and manner of storing foods.

2. DEFROSTING

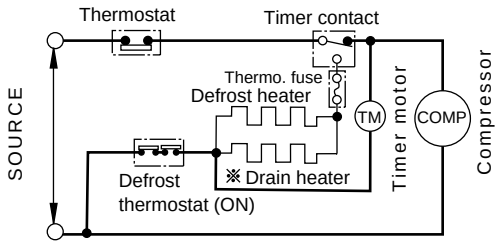
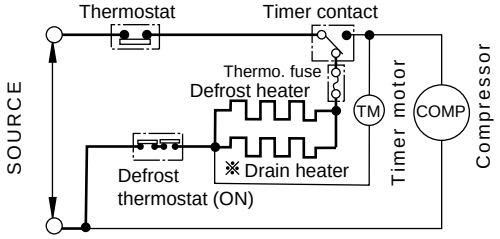
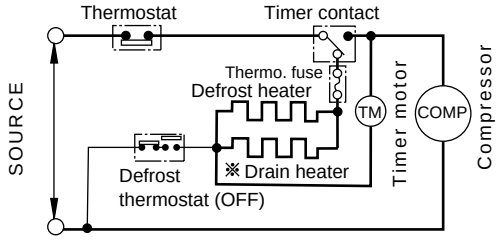
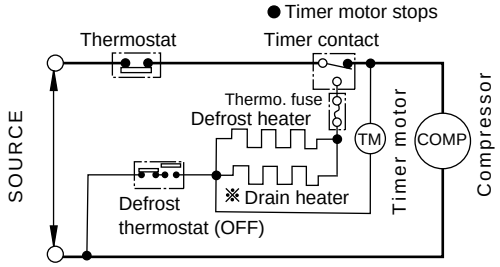
(1) No defrosting operation is necessary

No defrosting operation is necessary.
As this machine is so designed that a built-in evaporator cools air and a fan circulates cooled air, neither the freezer nor the refrigerator is frosted, though the evaporator is frosted.
The frosted evaporator is defrosted automatically due to the function of defrosting timer and heater, requiring no defrosting operation.

(2) Where is melted ice brought

1. Melted ice is brought into the evaporating pan at the bottom of the set and is evaporated here by the heat of sub condenser.
2. Be sure to use the evaporating pan as inserted so as to be level with the outer case.

(3) The following circuit diagrams in the table show automatic defrosting function of the refrigerator with timer and defrost thermostat.

Operation	Electric diagram	Description
1. Cooling (Normal)	● Defrost thermostat ON ● Compressor running ● Timer motor running  **Figure F-3.**	The integration timer integrates running time of the compressor. When it reaches 8 hours 48 min. at 50Hz, the timer contact is changed to start defrosting.
2. Defrosting (Time 20 to 30 min.)	● Defrost thermostat ON ● Compressor stops ● Timer motor stops  **Figure F-4 .**	● The timer contact is changed to start defrosting, the timer motor stops, and power is supplied to the defrost heater and the※drain heater. ● It takes about 20 to 30 min. to defrost. When little frosted the defrosting takes little time.When much frosted, the defrosting takes much time.
3. Drain (Time approx. 5 min.)	● Defrost thermostat OFF ● Compressor stops ● Timer motor running  **Figure F-5.**	When the defrost thermostat becomes OFF, the timer motor at rest starts running. During the operation time(4 min. 50 sec. /50Hz) defrosted water is drained outside the refrigerator.
4. Cooling (start) (Time approx. 5 min.)	● Defrost thermostat OFF ● Compressor running ● Timer motor stops  **Figure F-6.**	● Timer contact is changed to cooling operation and the compressor starts running and the timer motor stops. ● Defrost thermostat contact becomes ON when it's cooled. (FIgure F-3.)

※ Only for SJ-42F, SJ-45F

(4) As a reference to determine the causes of trouble, malfunction and phenomena are described below. Refer to the following when repairing.

1. Disconnection of defrost heater
As off-cycle defrosting is performed, the defrosting time is extremely prolonged. Each time defrosting is started, the freezer temperature rises and a portion of ice and stored foods are melted.

2. Melted thermo. fuse or opened-circuit due to the defect of defrost thermostat.
When the above mentioned trouble occurs in cooling operation, the timer motor does not run, defrosting will not take place, and consequently freezing is caused. In the above mentioned condition, when the timer shaft is turned by hand to defrost, the timer motor runs during the operation time. However, the motor stops from the time when the contact is changed, and freezing causes.

NOTE:
- As the thermo. fuse assembly is intended to prevent dangers, do not use it under shorted condition even for a short period.

3. When defrost thermostat failure causes the circuit to remain closed.
The bimetal thermostat (ST-3N21) in the thermo. fuse assembly connected with the defrost thermostat (ST-3N10) functions in the same way. As OFF temperature of the bimetal thermostat is higher than that of the defrost thermostat, a portion of ice or stored foods may be melted when defrosting is finished.

3. DEW PREVENTION

The hot pipe, namely D.P.-condenser, is arranged around the flange part of cabinet and the C-partition plate, preventing dew from being generated on the cabinet.

NOTE:
- D.P.-condenser pipe may be felt hot if touched by hand while the compressor is in operation.
- If you are asked about this, please explain that the hot pipe serve to prevent the dew generation.

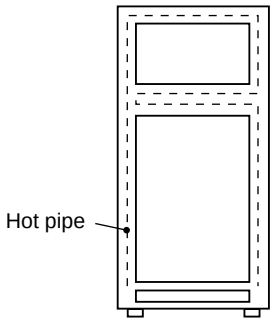


Figure F-7.

4. INSPECTION OF INITIAL STARTING

(1) Inspection of cooling unit

1. Set the temperature control knob to "MAX" and check that the compressor starts to operate.
2. Depress the door switch to run the fan and check that cool air is blown out of the cold air outlet of the freezer and the refrigerator.
3. When the compressor does not work, check that the timer is not set to "defrost" position.
4 It takes about an hour and a half or two hours to put food in the refrigerator after starting operation.

NOTE:
- After return the temperature control knob to "MED" position.
- When the refrigerator is operated initially after installed, the compressor may vibrate excessively for 1 to 2 min. However, vibration becomes normal if it is continuously operated.

(2) Inspection of defrost device

Operate the refrigerator for 20 to 30 min. and then check the defrost device in the following procedures :
Allow 5 min. to restart the compressor since immediate starting after stopping will cause unsmooth operation.

1. Turn the timer shaft clockwise with a screw driver.
   At this time, make certains the timer clinks and the compressor stops.
2. After more than 5 min., turn the shaft further to operate.
   Make certain cooling operation is started again.

NOTE:
- It's not necessary to switch the timer by changing of source frequency (50Hz, 60Hz).

ASSEMBLING PROCEDURES OF MAIN PARTS AND CAUTIONS

CAUTION: DISCONNECT THE UNIT FROM THE POWER SUPPLY BEFORE ANY REPAIRING.

1. DAMPER THERMOSTAT
Arrangement of capillary tube

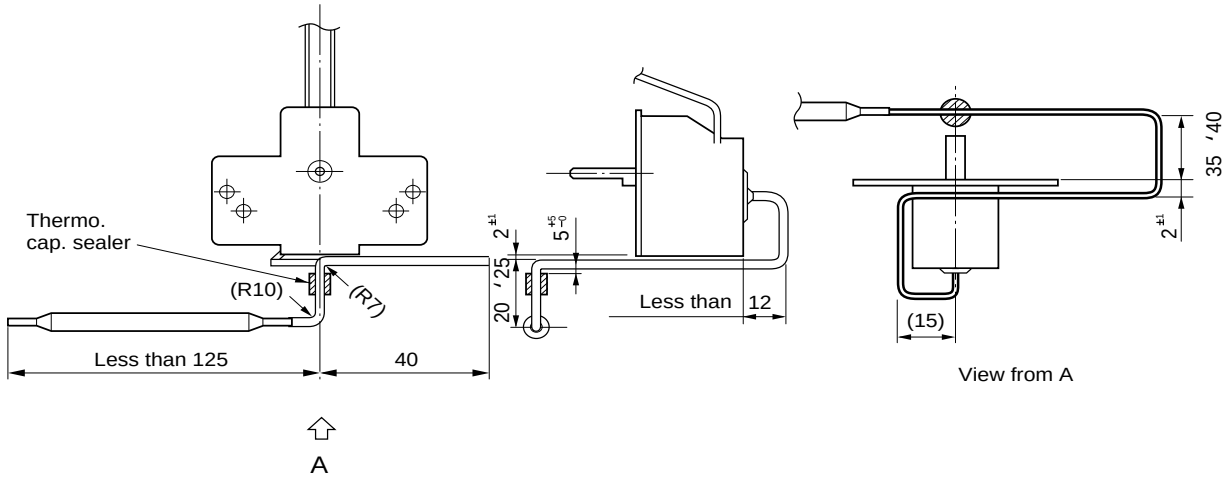


Figure A-1.

2. FREEZER CONTROL BOX
(1) F-control box assemly

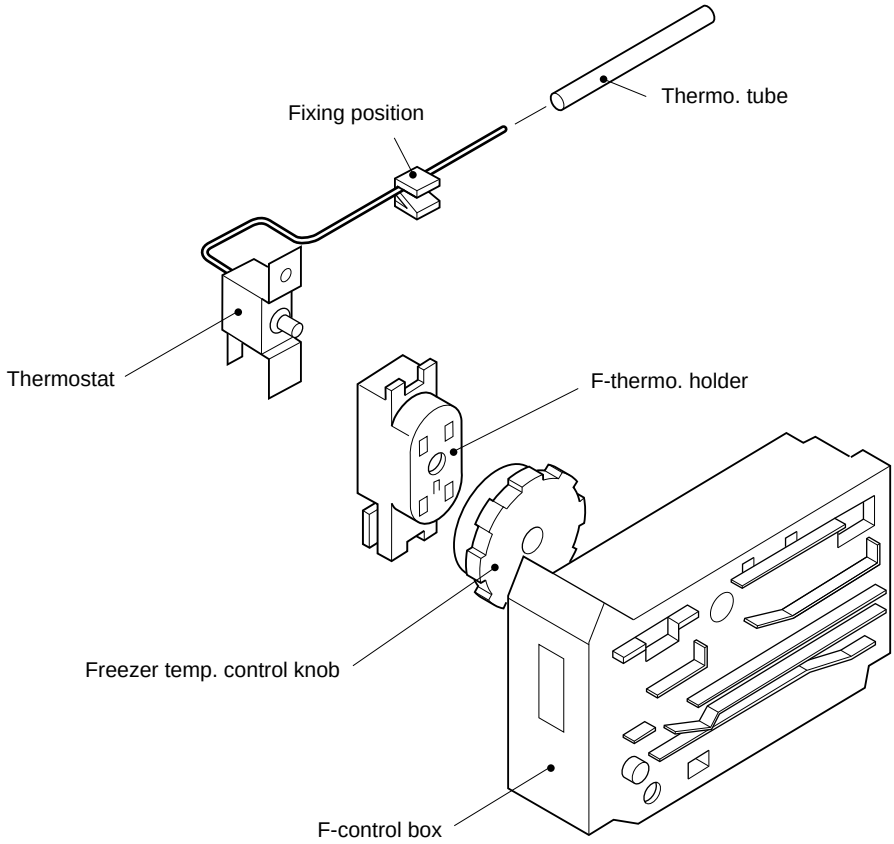


Figure A-2.

3. EV-COVER ASSEMBLY
SJ-42F, SJ-45F
(1) Adhere EV-cover sealer to EV-cover

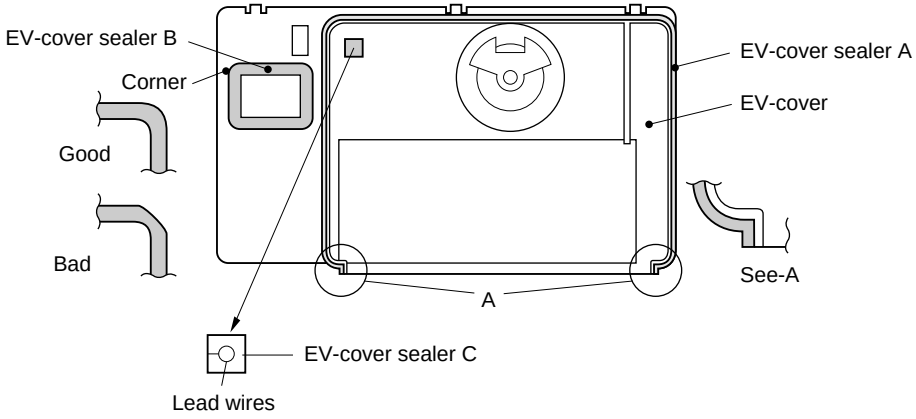
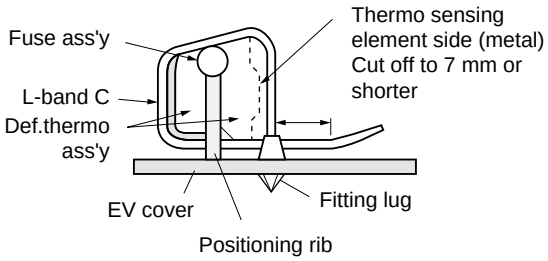


Figure A-3.

(2) Fixing of Defrost thermostat



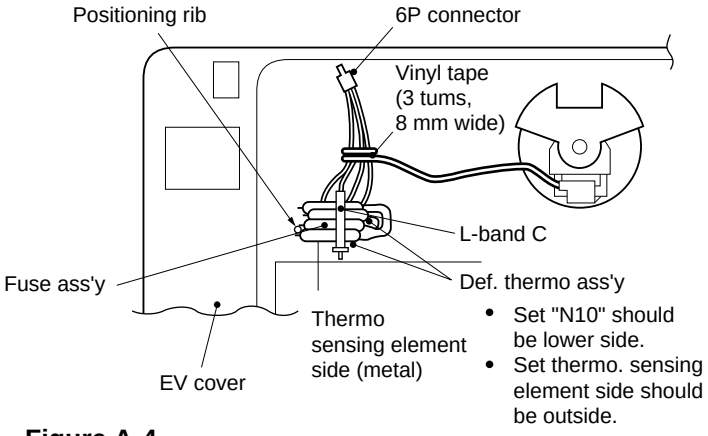

Positioning rib
6P connector
Vinyl tape (3 tums, 8 mm wide)
L-band C
Def. thermo ass'y
Fuse ass'y
Thermo sensing element side (metal)
EV cover
• Set "N10" should be lower side.
• Set thermo. sensing element side should be outside.

Figure A-4.

(3) Fixing of Fan motor

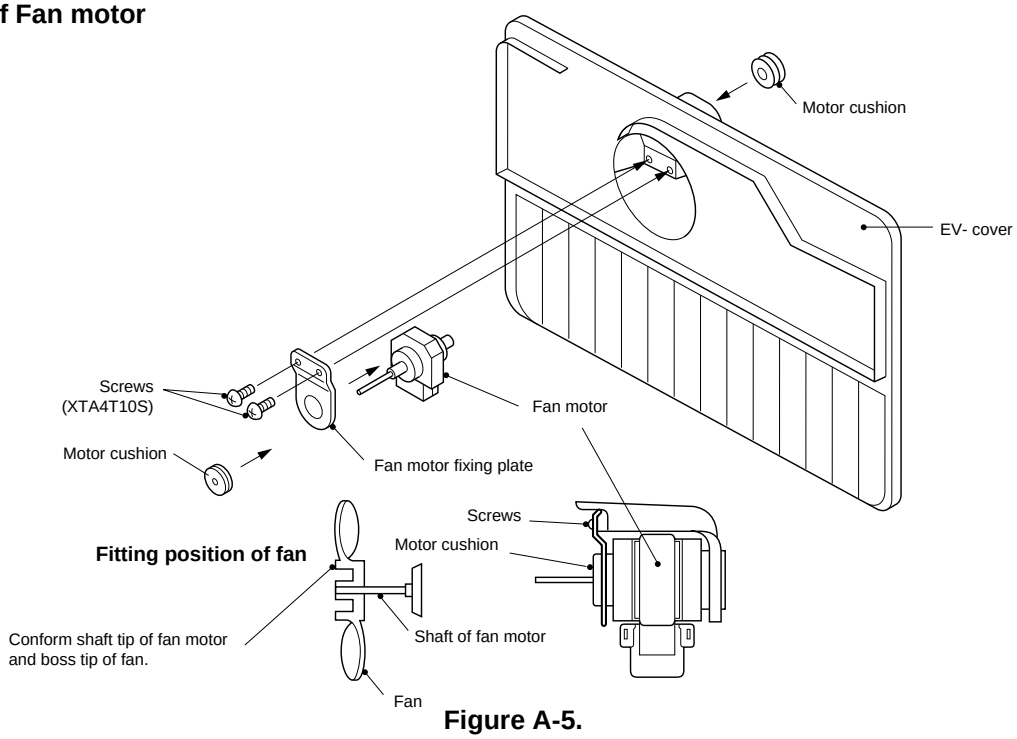


Figure A-5.

SJ-48F

(1) Sticking of Sealer and Wiring of Lead Wire

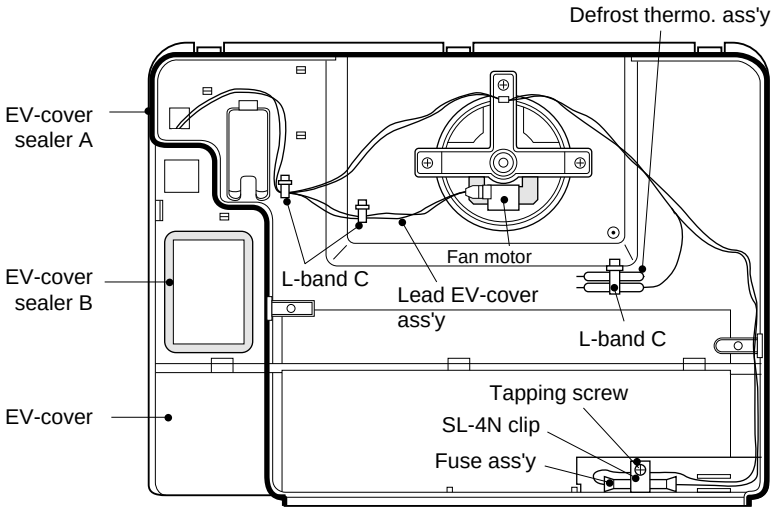
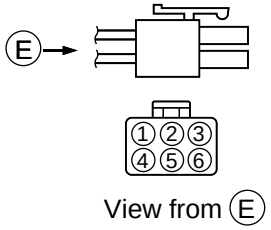


Figure A-6.

(2) Wiring of Connector



1 Lead EV-cover ass'y
4 Lead EV-cover ass'y
2 Black lead of Fuse ass'y
5 Yellow lead of Fuse ass'y
3 Blue lead of Defrost thermo. ass'y
6 Pink lead of Defrost thermo. ass'y

Figure A-7.

(3) Fixing of Defrost Thermostat

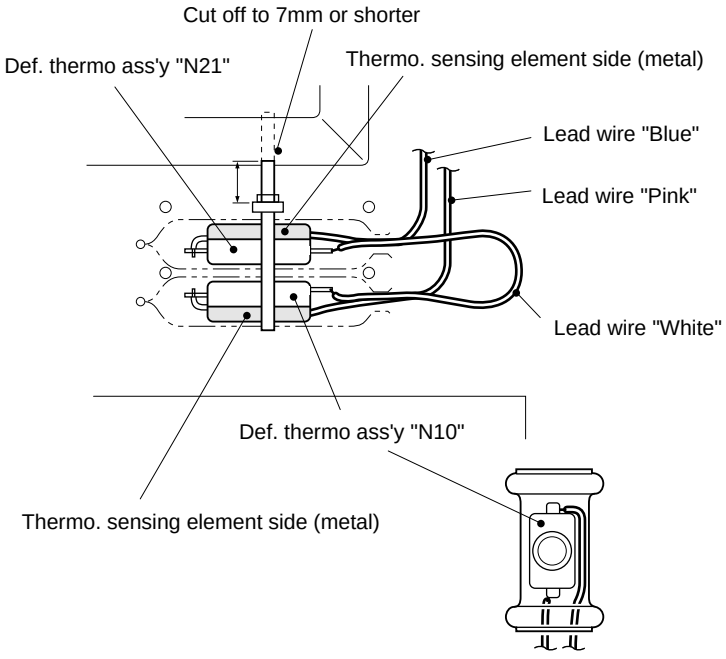
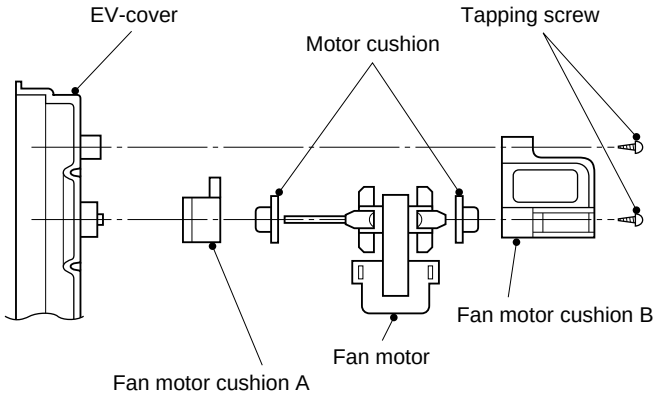

Cut off to 7mm or shorter
Def. thermo ass'y "N21"
Thermo. sensing element side (metal)
Lead wire "Blue"
Lead wire "Pink"
Lead wire "White"
Def. thermo ass'y "N10"
Thermo. sensing element side (metal)

Figure A-8.

(4) Fixing of Fan motor and Fan



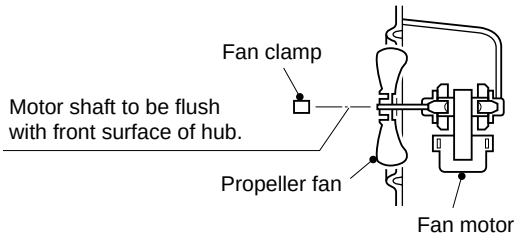


Figure A-9.

(5) Sticking of EV-cover AL

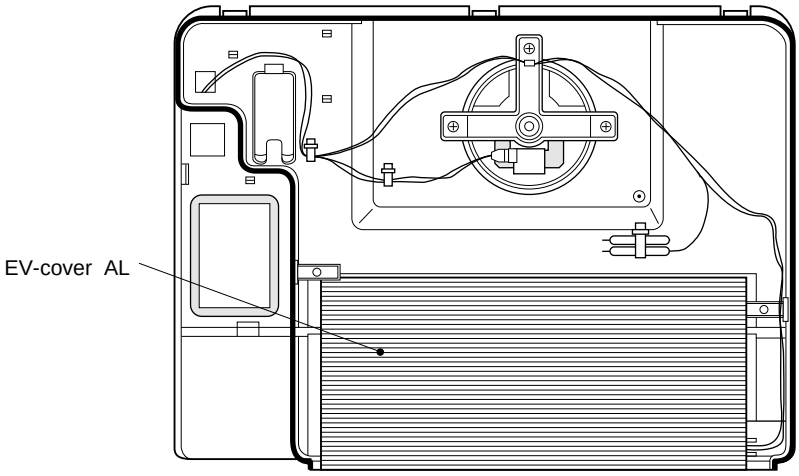


Figure A-10.

COOLING UNIT

→ Mark: Refrigerant flow
⋊ Mark: Brazing portion

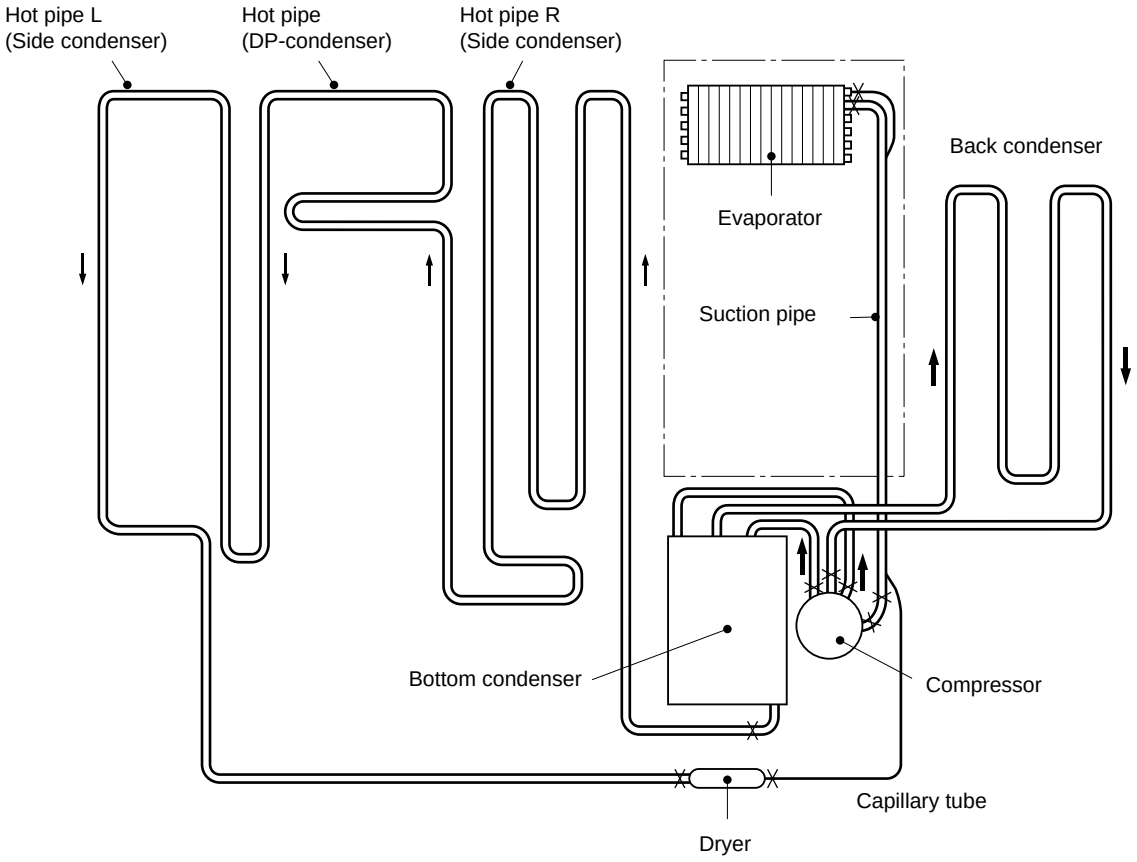


Figure C-1. Cooling unit

REPLACEMENT PARTS LIST

REF. NO.	PART CODE	DESCRIPTION	Q'TY				CODE
			SJ-42F -GY	SJ-42F -WH	SJ-45F -GY	SJ-45F -WH	
ELECTRIC PARTS							
1- 1	RTHM-A009CBE0	Thermostat	1	1	1	1	AT
1- 2	RSTT-A104CBE0	Starting relay	1	1	1	1	AV
1- 3	QSWTDA024CBE0	Defrost timer	1	1	1	1	AY
1- 4	PDMP-A017CBE0	Damper thermostat	1	1	1	1	BD
1- 5	FTHM-A007CBK0	Defrost thermo. ass'y	1	1	1	1	AS
1- 6	RMOTRA030CBE0	Fan motor	1	1	1	1	AZ
1- 7	QSOCAA028CBE0	Lamp socket	1	1	1	1	AT
1- 8	RLMP-001ECBE0	Lamp	1	1	1	1	AH
1- 9	QACC-A083CBE0	Source cord	1	1	1	1	AX
1- 10	FSW-PA020CBK0	Door switch ass'y	1	1	1	1	AU
1- 11	RHOG-A083CBE0	Protector	1	1	1	1	AV
1- 16	FW-VZA093CBE0	Comp. earth wire	1	1	1	1	AH
1- 17	FFS-TA026CBK0	Fuse ass'y	1	1	1	1	AK
1- 19	FW-VZA090CBE0	D timer lead ass'y	1	1	1	1	AV
1- 20	FW-VZA091CBE0	Lead EV-cover ass'y	1	1	1	1	AN
MECHANICAL PARTS							
2- 2	FKNB-A026CBY0	F-temp. C-knob ass'y	1	1	1	1	AQ
2- 3	LHLD-A057CBF0	F-thermo. holder	1	1	1	1	AG
2- 4	PBOX-A025CBRB	F-control box	1	1	1	1	AV
2- 5	PTUBB0313CBEA	Thermo. tube	1	1	1	1	AB
2- 7	FLEGPA008CBK0	Leg holder L ass'y	1	1	1	1	AK
2- 7- 1	FAJS-A007CBK0	Adjustable leg ass'y	2	2	2	2	AC
2- 7- 2	LHLD-A056CBTA	Leg holder L	1	1	1	1	AK
2- 8	FLEGPA009CBK0	Leg holder R ass'y	1	1	1	1	AK
2- 8- 2	LHLD-A055CBTA	Leg holder R	1	1	1	1	AK
2- 11	PSPAVA051CBEA	Bottom hinge spacer	1	1	1	1	AD
2- 12	PSPAVA052CBEA	Upper hinge spacer	1	1	1	1	AE
2- 13	DHNG-A133CBM0	Upper hinge ass'y	1	1	1	1	AL
2- 14	DHNG-A211CBM0	Bottom hinge R ass'y	1	1	1	1	AS
2- 15	DHNG-A260CBK0	C-hinge RD ass'y	1	1	1	1	AT
2-15- 1	PSPAVA053CBEA	Center hinge spacer	1	1	1	1	AE
2- 16	GCOV-001ECBFC	E.V cover	1	1	1	1	AX
2- 17	LCRA-A004CBE0	Fan clamp	1	1	1	1	AB
2- 18	LHLD-A062CBM0	Motor fixing plate	1	1	1	1	AD
2- 19	LHLD-A245CBF0	Motor cushion	2	2	2	2	AF
2- 20	NFANPA003CBE0	Propeller fan	1	1	1	1	AF
2- 21	PSEL-A413CBE0	E.V cover sealer A	1	1	1	1	AF
2- 22	PSEL-A414CBE0	E.V cover sealer B	1	1	1	1	AF
2- 23	PSEL-A415CBE0	E.V cover sealer C	1	1	1	1	AC
2- 24	FCOV-A484CBK0	Terminal cov. ass'y	1	1	1	1	AT
2- 26	PCOV-A099CBF0	Lamp cover	1	1	1	1	AK
2- 27	PCOVPA125CBRA	R-Cbox cover	1	1	1	1	AX
2- 28	FCOV-A463CBK0	F-louver ass'y	1	1	1	1	AY
2- 28- 1	LHLD-A229CBEA	Tube holder	1	1	1	1	AF
2- 29	GCOV-A021CBFK	Upper hinge cover	1	-	1	-	AK
2- 29	GCOV-A021CBFL	Upper hinge cover	-	1	-	1	AK
2- 30	GWAKP012ECBFC	F-inlet grille	1	1	1	1	AT
2- 31	JKNB-A029CBVA	R-temp. control knob	1	1	1	1	AH
2- 32	LPIN-A045CBFB	C-stopper pin L	2	2	2	2	AH
2- 33	LRALPA023CBFB	Case rail	1	1	1	1	AR
2- 35	MSPR-A032CBS0	Door stopper spring	1	1	1	1	AF
2- 36	PCAP-A006CBFH	Screw cover	1	-	1	-	AD
2- 36	PCAP-A006CBFJ	Screw cover	-	1	-	1	AD
2- 37	PSEL-A397CBE0	EV insulation R	1	1	1	1	AF
2- 38	FGID-A052CBY0	R-air guider A ass'y	1	1	1	1	AT
2- 42	PGID-A088CBF0	R-air guider B	1	1	1	1	AN
2- 43	PGID-A089CBF0	R-air guider C	1	1	1	1	AP
2- 44	PSEL-A923CBE0	A-sealer A.G-BC-A	1	1	1	1	AH
2- 45	PSEL-A924CBE0	A-sealer A.G-BC-B	1	1	1	1	AH
2- 49	LSTPPA062CBFA	C-stopper	2	2	2	2	AK
2- 51	PCNC-002ECBF0	Drain connector B	1	1	1	1	AD
2- 52	PSPA-001ECBEC	C-partition spacer	1	1	1	1	AF
2- 53	LHLD-A286CBP0	Timer holder	1	1	1	1	AH
2- 55	HGRL-A106CBFA	R-louver	1	1	1	1	AM
2- 56	PFPFPA655CBF0	R-louver insu.	2	1	1	1	AH
2- 57	PSEL-A929CBE0	A-sealer R-louver	2	2	2	2	AH
2- 58	PFPFPA654CBE0	R-AG-ABC spacer	1	1	1	1	AH
2- 59	PSEL-A922CBE0	A-sealer A.G-BC-C	1	1	1	1	AH

REF. NO.	PART CODE	DESCRIPTION	Q'TY				CODE
			SJ-42F -GY	SJ-42F -WH	SJ-45F -GY	SJ-45F -WH	
2- 62	DCOV-A053CBK0	Harness cover ass'y	1	1	1	1	AP
DOOR PARTS							
3- 5	FDORFA612CBK0	F-door ass'y	-	-	-	1	BV
3- 5	FDORFA613CBK0	F-door ass'y	-	1	-	-	BV
3- 5	FDORFA627CBK0	F-door ass'y	-	-	1	-	BP
3- 5	FDORFA628CBK0	F-door ass'y	1	-	-	-	BW
3- 5- 1	LSTPPA059CBFH	R-door stopper	1	1	1	1	AK
3- 5- 2	NBRGPA013CBFB	Nylon bearing 2	1	1	1	1	AH
3- 6	FPACGA172CBK0	F-door packing	-	-	1	1	BH
3- 6	FPACGA174CBK0	F-door packing	1	1	-	-	BG
3- 9	GLIN-A110CBFA	F-door liner	-	-	1	1	BL
3- 9	GLIN-A112CBFA	F-door liner	1	1	-	-	BL
3- 10	PFPFPA743CBE0	F-liner plate	-	-	2	2	AM
3- 10	PFPFPA744CBE0	F-liner plate	2	2	-	-	AM
3- 13	PSEL-A671CBE0	FD-liner sealer	1	1	1	1	AH
3- 14	PSEL-A408CBE0	F-door sealer	2	2	2	2	AM
3- 15	FDORRA500CBK0	R-door ass'y	1	-	1	-	CA
3- 15	FDORRA509CBK0	R-door ass'y	-	1	-	1	CA
3- 15- 1	LSTP-A043CBM0	R-door stopper	1	1	1	1	AH
3- 15- 2	NBRGPA012CBF0	Nylon bearing R	1	1	1	1	AE
3- 15- 3	NBRGPA014CBFB	Nylon bearing 3	1	1	1	1	AH
3- 16	GLIN-A111CBFA	R-door liner	1	1	1	1	BL
3- 17	FPACGA173CBK0	R-door packing	1	1	1	1	BK
3- 20	PFPFPA745CBE0	R-liner plate	4	4	4	4	AM
3- 26	FBDGDA213CBY0	Badge ass'y	1	1	1	1	AU
OTHER PARTS							
4- 1	LBND-A023CBE0	L-band C	1	1	1	1	AC
4- 2	LBND-A009CBF0	Wire fixing band	1	1	1	1	AC
4- 3	LX-BZ0153CBM0	Special screw	2	2	2	2	AA
4- 4	LBND-A018CBE0	Fastening band A	3	3	3	3	AP
4- 5	LBND-0005CKE0	Nylon clamp	1	1	1	1	AA
4- 8	LHLD-A227CBF0	Dryer holder	1	1	1	1	AH
4- 9	QTAN-A012CBE0	Solderless term. B	6	6	6	6	AH
4- 10	QTAN-A013CBE0	Solderless term. A	2	2	2	2	AH
4- 11	PGUMMQ024CBP0	Cord clamp D	1	1	1	1	AA
4- 12	LX-BZA004CBY0	Special screw	7	7	7	7	AA
4- 14	PSPANA002CBF0	Door spacer	1	1	1	1	AC
ATTACHMENT PARTS							
5- 1	UPOK-A091CBRA	Bottle pocket silk	2	2	2	2	AW
5- 2	UPOK-A089CBRA	Egg pocket silk	1	1	1	1	AW
5- 3	UPOK-A090CBRA	F door pocket silk	2	2	2	2	AX
5- 4	UPOK-A092CBRA	Utility pocket silk	2	2	2	2	AZ
5- 5	UTNA-A167CBFB	Egg tray	2	2	2	2	AT
5- 6	FSRA-A090CBY0	Ice cube maker	1	1	1	1	AW
5- 7	FTNA-A225CBY0	Freezer shelf ass'y	1	1	1	1	BA
5- 8	USRA-A141CBFA	Refrigerator tray	2	2	2	2	AX
5- 9	USRA-A162CBRA	Ref. tray S silk	1	1	2	2	BA
5- 10	PSKR-A108CBFA	Cursor	2	2	2	2	AP
5- 11	USRA-A142CBFA	Freezer tray	1	1	1	1	AX
5- 12	HDECQA358CBEA	Glass shelf trim	1	1	1	1	AR
5- 13	HGRL-A063CBFJ	Ventilating grille	1	-	1	-	AX
5- 13	HGRL-A063CBFK	Ventilating grille	-	1	-	1	AW
5- 14	USRA-A051CBFA	Evaporating pan	1	1	1	1	AW
5- 15	UTNA-A200CBE0	Glass shelf	1	1	1	1	AW
5- 16	UYOK-A009CBFB	Vegetable case	1	1	1	1	BK
5- 17	UYOK-A051CBFF	Ice storage box	1	1	1	1	AW
5- 18	UYOK-A147CBRA	Chilled case silk	2	2	2	2	AZ
CYCLE PARTS							
6- 1	PCMPLA129CBE0	Compressor	1	1	1	1	CC
6- 2	PSPAGA011CBE0	Rubber grommet	4	4	4	4	AF
6- 3	FCONSA027CBK0	Sub. condenser ass'y	1	1	1	1	BE
6- 4- 1	FHLD-A007CBK0	Caster holder LK	1	1	1	1	AG
6- 4- 2	FHLD-A008CBK0	Caster holder RK	1	1	1	1	AG
6- 4- 3	LFRMMA007CBP0	Base frame	1	1	1	1	AV
6- 5	PDRY-A005CBE0	Dryer	1	1	1	1	AP
6- 6	PCLI-A014CBE0	Clip	1	1	1	1	AD

REF. NO.	PART CODE	DESCRIPTION	Q'TY				CODE
			SJ-42F -GY	SJ-42F -WH	SJ-45F -GY	SJ-45F -WH	
6- 7	PCLI-A019CBE0	Cover clamp	1	1	1	1	AN
6- 8	PCOVPA038CBE0	Relay cover	1	1	1	1	AK
6- 9	PSPAFA007CBE0	Sleeve	4	4	4	4	AD
6- 10	PPIPCA075CBE0	Charge pipe	1	1	1	1	AG
6- 11	PPIPCA084CBE0	S.P connector	1	1	1	1	AL
6- 12	LANG-A024CBP0	Absorbent rubber CLM	1	1	1	1	AC
6- 13	LHLD-A061CBF0	Evaporating pan holder	2	2	2	2	AD
6- 14	PGUM-A002CBF0	Absorbent rubber B	1	1	1	1	AH
6- 15	PGUM-A003CBF0	Absorbent rubber B	1	1	1	1	AH
6- 16	PGUM-A004CBF0	Absorbent rubber A	1	1	1	1	AH
6- 17	LX-WZA003CBE0	Washer	4	4	4	4	AA

MISCELLANEOUS

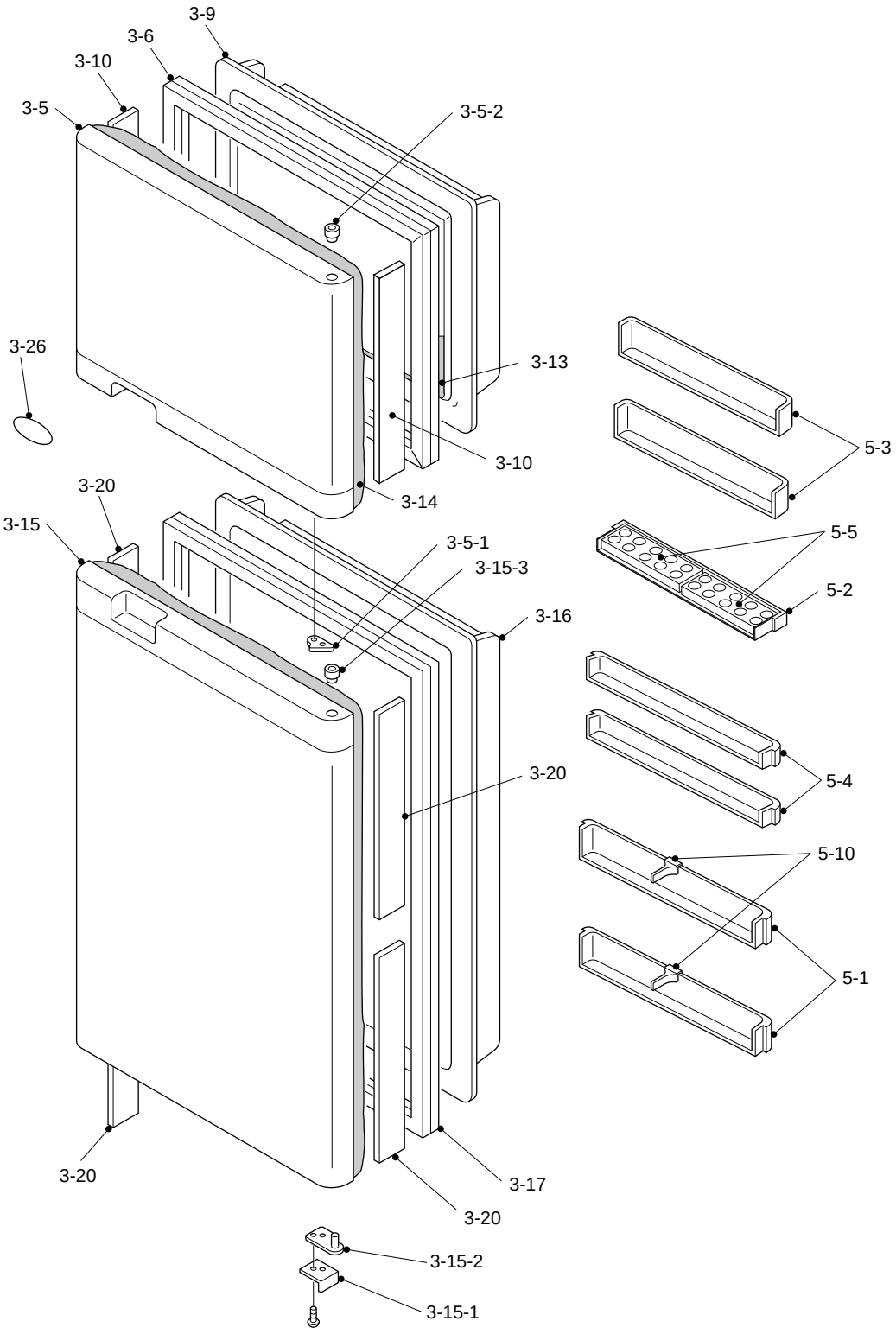
90- 1	TINS-A266CBR0	Operation manual	1	1	1	1	AD
90- 2	TLAB-A092CBR0	Lamp label	1	1	1	1	AD
90- 3	SPAKCG082YDE0	Packing case	1	-	-	-	BC
90- 3	SPAKCG083YDE0	Packing case	-	-	1	-	BF
90- 3	SPAKCG087YDE0	Packing case	-	1	-	-	BF
90- 3	SPAKCG088YDE0	Packing case	-	-	-	1	BF
90- 6	CPADBA374YDK0	Bottom pad ass'y	1	1	1	1	BB
90- 7	CPADBA383YDK0	Top pad ass'y	1	1	1	1	AW

HOW TO ORDER REPLACEMENT PARTS

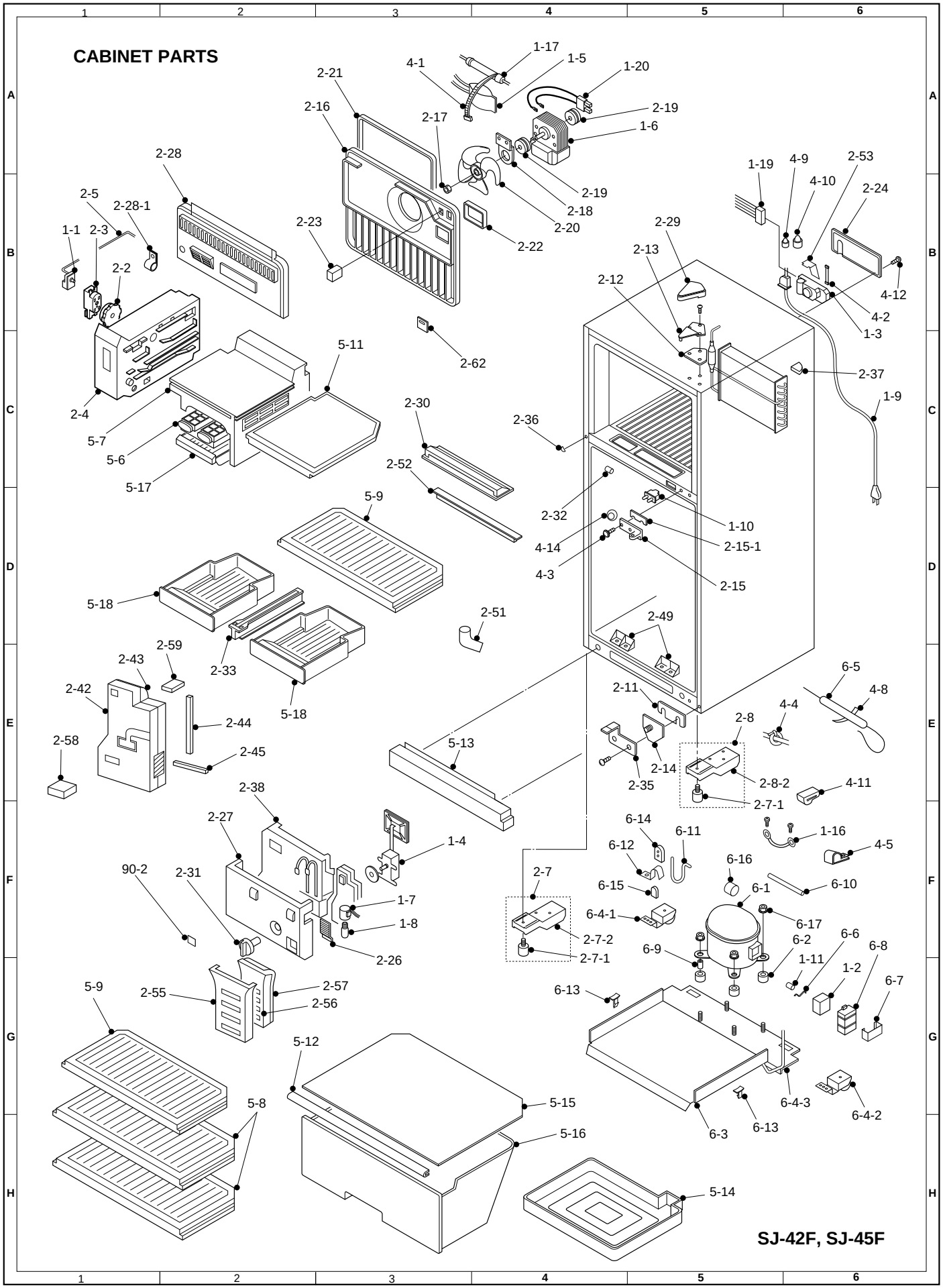
To have your order filled prompty and correctly, please furnish the following information.

1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION

DOOR PARTS



SJ-42F, SJ-45F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SJ-42F, SJ-45F

REPLACEMENT PARTS LIST

REF. NO.	PART CODE	DESCRIPTION	Q'TY		CODE
			SJ-48F -GY	SJ-48F -WH	
ELECTRIC PARTS					
1- 1	RTHM-A009CBE0	Thermostat	1	1	AT
1- 2	RSTT-A104CBE0	Starting relay	1	1	AV
1- 3	QSWTDA024CBE0	Defrost timer	1	1	AY
1- 4	PDMP-A017CBE0	Damper thermostat	1	1	BD
1- 5	FTHM-A008CBK0	Defrost thermo.ass'y	1	1	AS
1- 6	RMOTRA030CBE0	Fan motor	1	1	AZ
1- 7	QSOCAA028CBE0	Lamp socket	1	1	AT
1- 8	RLMP-001ECBE0	Lamp	1	1	AH
1- 9	QACC-A083CBE0	Source cord	1	1	AX
1- 10	FSW-PA020CBK0	Door switch ass'y	1	1	AU
1- 11	RHOG-A083CBE0	Protector	1	1	AV
1- 16	FW-VZA093CBE0	Comp. earth wire	1	1	AH
1- 17	FFS-TA028CBK0	Fuse ass'y	1	1	AK
1- 19	FW-VZA090CBE0	D timer lead ass'y	1	1	AV
1- 20	FW-VZA098CBE0	Lead EV-cover ass'y	1	1	AN
1- 21	FHETBA050CBE0	Def. heater ass'y	1	1	AX
MECHANICAL PARTS					
2- 2	FKNB-A026CBY0	F-temp. C-knob ass'y	1	1	AQ
2- 3	LHLD-A057CBF0	F-thermo. holder	1	1	AG
2- 4	PBOX-A025CBRB	F-control box	1	1	AV
2- 5	PTUBB0313CBEA	Thermo. tube	1	1	AB
2- 7	FLEGPA008CBK0	Leg holder L ass'y	1	1	AK
2- 7- 1	FAJS-A007CBK0	Adjustable leg ass'y	2	2	AC
2- 7- 2	LHLD-A056CBTA	Leg holder L	1	1	AK
2- 8	FLEGPA009CBK0	Leg holder R ass'y	1	1	AK
2- 8- 2	LHLD-A055CBTA	Leg holder R	1	1	AK
2- 11	PSPAVA051CBEA	Bottom hinge spacer	1	1	AD
2- 12	PSPAVA052CBEA	Upper hinge spacer	1	1	AE
2- 13	DHNG-A133CBM0	Upper hinge ass'y	1	1	AL
2- 14	DHNG-A211CBM0	Bottom hinge R ass'y	1	1	AS
2- 15	DHNG-A260CBK0	C-hinge RD ass'y	1	1	AT
2- 15- 1	PSPAVA053CBEA	Center hinge spacer	1	1	AE
2- 16	GCOV-A108CBFA	E.V cover	1	1	AY
2- 17	LCRA-A004CBE0	Fan clamp	1	1	AB
2- 19	LHLD-A245CBF0	Motor cushion	2	2	AF
2- 20	NFANPA003CBE0	Propeller fan	1	1	AF
2- 21	PSEL-A984CBE0	E.V cover sealer A	1	1	AL
2- 22	PSEL-A985CBE0	E.V cover sealer B	1	1	AH
2- 23	PSEL-A415CBE0	E.V cover sealer C	1	1	AC
2- 24	FCOV-A484CBK0	Terminal cov. ass'y	1	1	AT
2- 26	PCOV-A099CBF0	Lamp cover	1	1	AK
2- 27	PCOVPA125CBRA	R-Cbox cover	1	1	AX
2- 28	FCOV-A500CBK0	F-louver ass'y	1	1	AV
2- 28- 1	LHLD-A229CBEA	Tube holder	1	1	AF
2- 29	GCOV-A021CBFK	Upper hinge cover	1	-	AK
2- 29	GCOV-A021CBFL	Upper hinge cover	-	1	AK
2- 30	GWAKPA395CBFA	F-inlet grille	1	1	AR
2- 31	JKNB-A029CBVA	R-temp. control knob	1	1	AH
2- 32	LPIN-A045CBFB	C-stopper pin L	2	2	AH
2- 33	LRALPA023CBFB	Case rail	1	1	AR
2- 35	MSPR-A032CBS0	Door stopper spring	1	1	AF
2- 36	PCAP-A006CBFH	Screw cover	1	-	AD
2- 36	PCAP-A006CBFJ	Screw cover	-	1	AD
2- 37	PSEL-A397CBE0	EV insulation R	2	2	AF
2- 38	FGID-A052CBY0	R-air guider A ass'y	1	1	AT
2- 42	PGID-A088CBF0	R-air guider B	1	1	AN
2- 43	PGID-A089CBF0	R-air guider C	1	1	AP
2- 44	PSEL-A923CBE0	A-sealer A.G-BC-A	1	1	AH
2- 45	PSEL-A924CBE0	A-sealer A.G-BC-B	1	1	AH
2- 49	LSTPPA062CBFA	C-stopper	2	2	AK
2- 51	PCNC-002ECBF0	Drain connector B	1	1	AD
2- 52	PSPA-001ECBEC	C-partition spacer	1	1	AF
2- 53	LHLD-A286CBP0	Timer holder	1	1	AH
2- 55	HGRL-A106CBFA	R-louver	1	1	AM
2- 56	PFPFPA655CBF0	R-louver insu.	1	1	AH
2- 57	PSEL-A929CBE0	A-sealer R-louver	2	2	AH
2- 58	PFPFPA654CBE0	R-AG-ABC spacer	1	1	AH
2- 59	PSEL-A922CBE0	A-sealer A.G-BC-C	1	1	AH

REF. NO.	PART CODE	DESCRIPTION	Q'TY		CODE
			SJ-48F -GY	SJ-48F -WH	
2- 61	LHLD-A235CBE0	SL-4N clip	1	1	AK
2- 62	DCOV-A053CBK0	Harness cover ass'y	1	1	AP
2- 63	LHLD-A302CBF0	Fan motor cushion B	1	1	AL
2- 64	LHLD-A303CBM0	Fan motor cushion A	1	1	AM
2- 65	PSHEMA117CBE0	E.V cover AL	1	1	AP
		DOOR PARTS			
3- 5	FDORFA660CBK0	F-door ass'y	1	-	BQ
3- 5	FDORFA661CBK0	F-door ass'y	-	1	BV
3- 5- 1	LSTPPA059CBFH	R-door stopper	1	1	AK
3- 5- 2	NBRGPA013CBFB	Nylon bearing 2	1	1	AH
3- 6	FPACGA185CBK0	F-door packing	1	1	BG
3- 9	GLIN-A120CBFA	F-door liner	1	1	BK
3- 10	PFPFPA742CBE0	F-liner plate	2	2	AM
3- 13	PSEL-A671CBE0	FD-liner sealer	1	1	AH
3- 14	PSEL-A983CBE0	F-door sealer	2	2	AQ
3- 15	FDORRA500CBK0	R-door ass'y	1	-	CA
3- 15	FDORRA509CBK0	R-door ass'y	-	1	CA
3- 15- 1	LSTP-A043CBM0	R-door stopper	1	1	AH
3- 15- 2	NBRGPA012CBF0	Nylon bearing R	1	1	AE
3- 15- 3	NBRGPA014CBFB	Nylon bearing 3	1	1	AH
3- 16	GLIN-A111CBFA	R-door liner	1	1	BL
3- 17	FPACGA173CBK0	R-door packing	1	1	BK
3- 20	PFPFPA745CBE0	R-liner plate	4	4	AM
3- 26	FBDGDA213CBY0	Badge ass'y	1	1	AU
		OTHER PARTS			
4- 1	LBND-A023CBE0	L-band C	3	3	AC
4- 2	LBND-A009CBF0	Wire fixing band	1	1	AC
4- 3	LX-BZ0153CBM0	Special screw	2	2	AA
4- 4	LBND-A018CBE0	Fastening band A	3	3	AP
4- 5	LBND-0005CKE0	Nylon clamp	1	1	AA
4- 8	LHLD-A227CBF0	Dryer holder	1	1	AH
4- 9	QTAN-A012CBE0	Solderless term. B	6	6	AH
4- 10	QTAN-A013CBE0	Solderless term. A	2	2	AH
4- 11	PGUMMQ024CBP0	Cord clamp D	1	1	AA
4- 12	LX-BZA004CBY0	Special screw	7	7	AA
4- 14	PSPANA002CBF0	Door spacer	1	1	AC
		ATTACHMENT PARTS			
5- 1	UPOK-A091CBRA	Bottle pocket silk	2	2	AW
5- 2	UPOK-A089CBRA	Egg pocket silk	1	1	AW
5- 3	UPOK-A090CBRA	F door pocket silk	2	2	AX
5- 4	UPOK-A092CBRA	Utility pocket silk	2	2	AZ
5- 5	UTNA-A167CBFB	Egg tray	2	2	AT
5- 6	FSRA-A090CBY0	Ice cube maker	1	1	AW
5- 7	FTNA-A235CBY0	Freezer shelf ass'y	1	1	AZ
5- 8	USRA-A141CBFA	Refrigerator tray	2	2	AX
5- 9	USRA-A162CBRA	Ref.tray S silk	3	3	BA
5- 10	PSKR-A108CBFA	Cursor	2	2	AP
5- 11	USRA-A142CBFA	Freezer tray	1	1	AX
5- 12	HDECQA358CBEA	Glass shelf trim	1	1	AR
5- 13	HGRL-A063CBFJ	Ventilating grille	1	-	AX
5- 13	HGRL-A063CBFK	Ventilating grille	-	1	AW
5- 14	USRA-A051CBFA	Evaporating pan	1	1	AW
5- 15	UTNA-A200CBE0	Glass shelf	1	1	AW
5- 16	UYOK-A009CBFB	Vegetable case	1	1	BK
5- 17	UYOK-A051CBFF	Ice storage box	1	1	AW
5- 18	UYOK-A147CBRA	Chilled case silk	2	2	AZ
		CYCLE PARTS			
6- 1	PCMPLA129CBE0	Compressor	1	1	CC
6- 2	PSPAGA011CBE0	Rubber grommet	4	4	AF
6- 3	FCONSA027CBK0	Sub. condenser ass'y	1	1	BE
6- 4- 1	FHLD-A007CBK0	Caster holder LK	1	1	AG
6- 4- 2	FHLD-A008CBK0	Caster holder RK	1	1	AG
6- 4- 3	LFRMMA007CBP0	Base frame	1	1	AV
6- 5	PDRY-A005CBE0	Dryer	1	1	AP
6- 6	PCLI-A014CBE0	Clip	1	1	AD
6- 7	PCLI-A019CBE0	Cover clamp	1	1	AN

REF. NO.	PART CODE	DESCRIPTION	Q'TY		CODE
			SJ-48F -GY	SJ-48F -WH	
6- 8	PCOVPA038CBE0	Relay cover	1	1	AK
6- 9	PSPAFA007CBE0	Sleeve	4	4	AD
6- 10	PPIPCA075CBE0	Charge pipe	1	1	AG
6- 11	PPIPCA084CBE0	S.P connector	1	1	AL
6- 12	LANG-A024CBP0	Absorbent rubber CLM	1	1	AC
6- 13	LHLD-A061CBF0	Evaporating pan holder	2	2	AD
6- 14	PGUM-A002CBF0	Absorbent rubber B	1	1	AH
6- 15	PGUM-A003CBF0	Absorbent rubber B	1	1	AH
6- 16	PGUM-A004CBF0	Absorbent rubber A	1	1	AH
6- 17	LX-WZA003CBE0	Washer	4	4	AA

MISCELLANEOUS

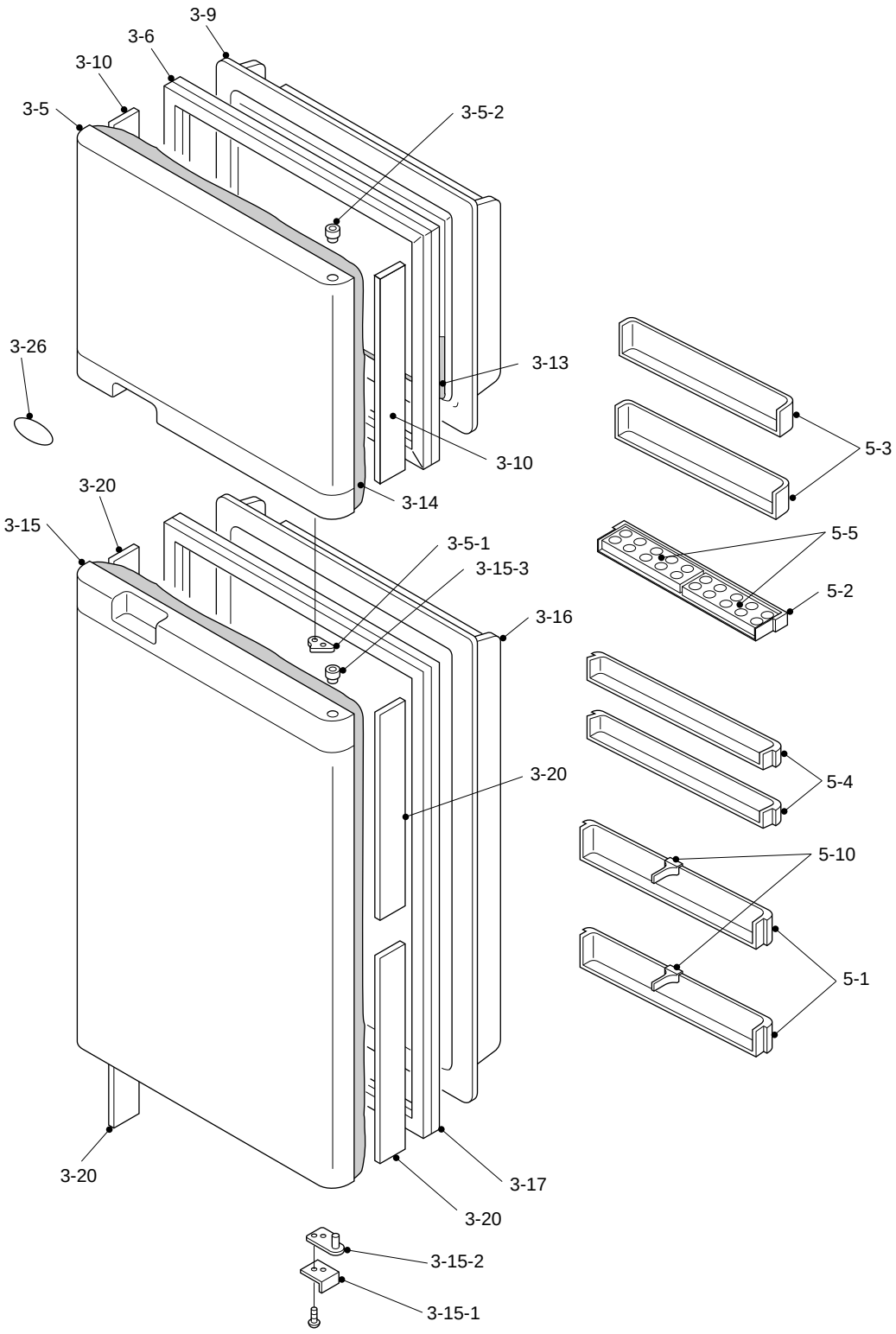
90- 1	TINS-A266CBR0	Operation manual	1	1	AD
90- 2	TLAB-A092CBR0	Lamp label	1	1	AD
90- 3	SPAKCG084YDE0	Packing case	1	-	BF
90- 3	SPAKCG089YDE0	Packing case	-	1	BF
90- 6	CPADBA416YDK0	Bottom pad ass'y	1	1	AY
90- 7	CPADBA383YDK0	Top pad ass'y	1	1	AW

HOW TO ORDER REPLACEMENT PARTS

To have your order filled prompty and correctly, please furnish the following information.

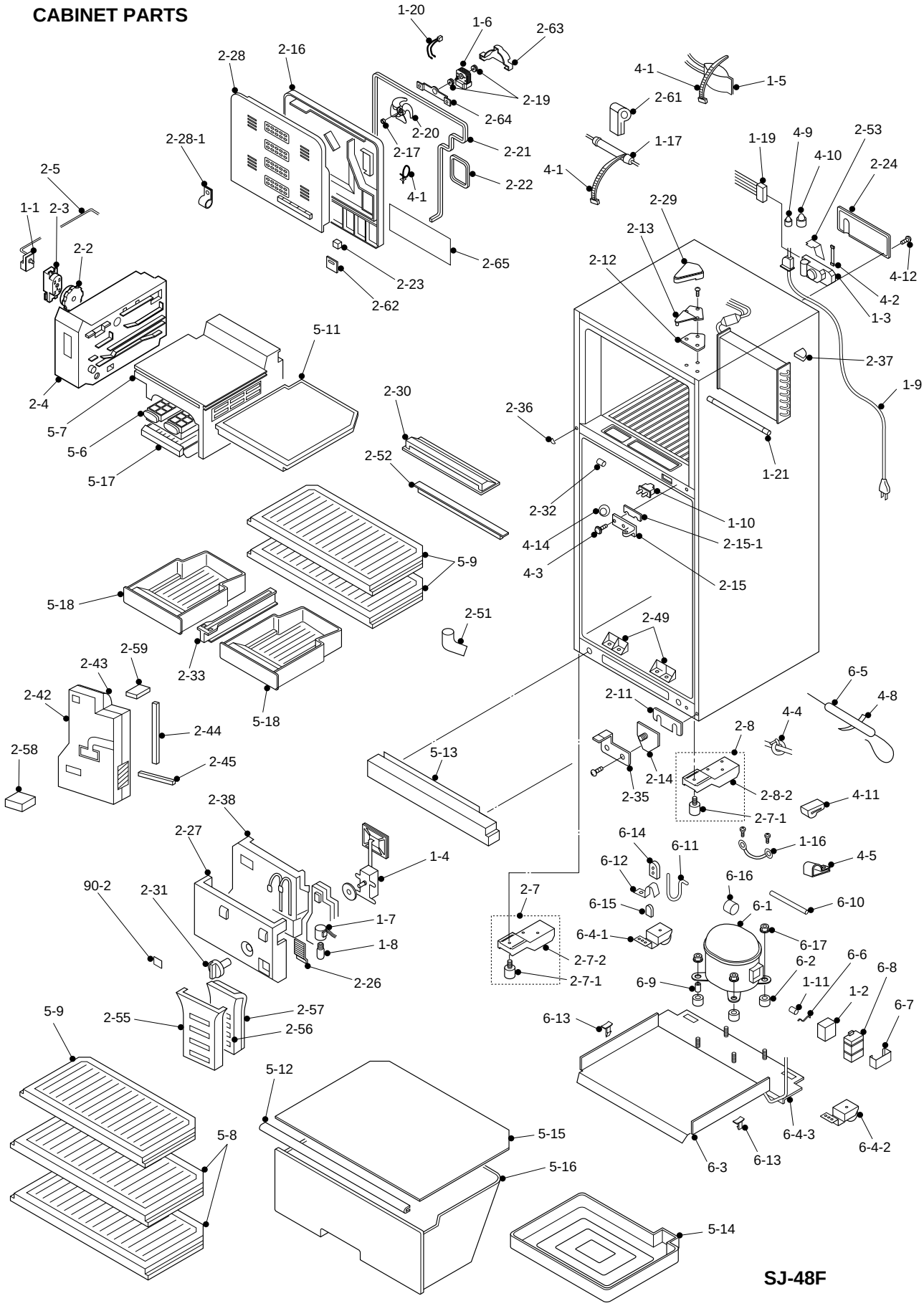
1. MODEL NUMBER 2. REF. NO.
3. PART NO. 4. DESCRIPTION

DOOR PARTS



SJ-48F

CABINET PARTS



SJ-48F

SJ-42F-GY/WH
SJ-45F-GY/WH
SJ-48F-GY/WH

SHARP

'94 SHAP CORP. (0U0.32E) Printed in Japan